#4

SEQUENCE LISTING

<110> PATEL, AMANDA J.
      HONORE, ERIC
      LESAGE, FLORIAN
      ROMEY, GEORGES
      LAZDUSKI, MICHEL

<120> A method for the identification of anesthetics

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<141> 2000-02-11

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<170> Microsoft Word 2000

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aaa ccg agg ctc tcg ttt tcc acg aaa ccc aca gtg ctt gct tcc cgg      96
Lys Pro Arg Leu Ser Phe Ser Thr Lys Pro Thr Val Leu Ala Ser Arg
            20                  25                  30

gtg gag agt gac acg acc att aat gtt atg aaa tgg aag acg gtc tcc     144
Val Glu Ser Asp Thr Thr Ile Asn Val Met Lys Trp Lys Thr Val Ser
        35                  40                  45

acg ata ttc ctg gtg gtt gtc ctc tat ctg atc atc gga gcc acc gtg     192
Thr Ile Phe Leu Val Val Val Leu Tyr Leu Ile Ile Gly Ala Thr Val
    50                  55                  60

ttc aaa gca ttg gag cag cct cat gag att tca cag agg acc acc att     240
Phe Lys Ala Leu Glu Gln Pro His Glu Ile Ser Gln Arg Thr Thr Ile
 65                  70                  75                  80

gtg atc cag aag caa aca ttc ata tcc caa cat tcc tgt gtc aat tcg     288
Val Ile Gln Lys Gln Thr Phe Ile Ser Gln His Ser Cys Val Asn Ser
                85                  90                  95

acg gag ctg gat gaa ctc att cag caa ata gtg gca gca ata aat gca     336
Thr Glu Leu Asp Glu Leu Ile Gln Gln Ile Val Ala Ala Ile Asn Ala
            100                 105                 110
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ggg att ata ccg tta gga aac acc tcc aat caa atc agt cac tgg gat      384
Gly Ile Ile Pro Leu Gly Asn Thr Ser Asn Gln Ile Ser His Trp Asp
        115                 120                 125

ttg gga agt tcc ttc ttc ttt gct ggc act gtt att aca acc ata gga      432
Leu Gly Ser Ser Phe Phe Phe Ala Gly Thr Val Ile Thr Thr Ile Gly
        130                 135                 140
ttt gga aac atc tca cca cgc aca gaa ggc ggc aaa ata ttc tgt atc      480
Phe Gly Asn Ile Ser Pro Arg Thr Glu Gly Gly Lys Ile Phe Cys Ile
145                 150                 155                 160

atc tat gcc tta ctg gga att ccc ctc ttt ggt ttt ctc ttg gct gga      528
Ile Tyr Ala Leu Leu Gly Ile Pro Leu Phe Gly Phe Leu Leu Ala Gly
            165                 170                 175

gtt gga gat cag cta ggc acc ata ttt gga aaa gga att gcc aaa gtg      576
Val Gly Asp Gln Leu Gly Thr Ile Phe Gly Lys Gly Ile Ala Lys Val
            180                 185                 190

gaa gat acg ttt att aag tgg aat gtt agt cag acc aag att cgc atc      624
Glu Asp Thr Phe Ile Lys Trp Asn Val Ser Gln Thr Lys Ile Arg Ile
            195                 200                 205

atc tca aca atc ata ttt ata cta ttt ggc tgt gta ctc ttt gtg gct      672
Ile Ser Thr Ile Ile Phe Ile Leu Phe Gly Cys Val Leu Phe Val Ala
            210                 215                 220

ctg cct gcg atc ata ttc aaa cac ata gaa ggc tgg agt gcc ctg gac      720
Leu Pro Ala Ile Ile Phe Lys His Ile Glu Gly Trp Ser Ala Leu Asp
225                 230                 235                 240

gcc att tat ttt gtg gtt atc act cta aca act att gga ttt ggt gac      768
Ala Ile Tyr Phe Val Val Ile Thr Leu Thr Thr Ile Gly Phe Gly Asp
            245                 250                 255

tac gtt gca ggt gga tcc gat att gaa tat ctg gac ttc tat aag cct      816
Tyr Val Ala Gly Gly Ser Asp Ile Glu Tyr Leu Asp Phe Tyr Lys Pro
            260                 265                 270

gtc gtg tgg ttc tgg atc ctt gta ggg ctt gct tac ttt gct gct gtc      864
Val Val Trp Phe Trp Ile Leu Val Gly Leu Ala Tyr Phe Ala Ala Val
            275                 280                 285

ctg agc atg att gga gat tgg ctc cga gtg ata tct aaa aag aca aaa      912
Leu Ser Met Ile Gly Asp Trp Leu Arg Val Ile Ser Lys Lys Thr Lys
            290                 295                 300

gaa gag gtg gga gag ttc aga gca cac gct gct gag tgg aca gcc aac      960
Glu Glu Val Gly Glu Phe Arg Ala His Ala Ala Glu Trp Thr Ala Asn
305                 310                 315                 320

gtc aca gcc gaa ttc aaa gaa acc agg agg cga ctg agt gtg gag att     1008
Val Thr Ala Glu Phe Lys Glu Thr Arg Arg Arg Leu Ser Val Glu Ile
            325                 330                 335

tat gac aag ttc cag cgg gcc acc tcc atc aag cgg aag ctc tcg gca    ·1056
Tyr Asp Lys Phe Gln Arg Ala Thr Ser Ile Lys Arg Lys Leu Ser Ala
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gaa ctg gct gga aac cac aat cag gag ctg act cct tgt agg agg acc    1104
Glu Leu Ala Gly Asn His Asn Gln Glu Leu Thr Pro Cys Arg Arg Thr
        355             360             365

ctg tca gtg aac cac ctg acc aac gag agg gat gtc ttg cct ccc tta    1152
Leu Ser Val Asn His Leu Thr Asn Glu Arg Asp Val Leu Pro Pro Leu
    370             375             380

ctg aag act gag agt atc tat ctg aat ggt ttg acg cca cac tgt gct    1200
Leu Lys Thr Glu Ser Ile Tyr Leu Asn Gly Leu Thr Pro His Cys Ala
385             390             395             400

ggt gaa gag att gct gtg att gag aac atc aaa tag                    1236
Gly Glu Glu Ile Ala Val Ile Glu Asn Ile Lys
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Lys Pro Arg Leu Ser Phe Ser Thr Lys Pro Thr Val Leu Ala Ser Arg
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Val Glu Ser Asp Thr Thr Ile Asn Val Met Lys Trp Lys Thr Val Ser
        35              40              45
Thr Ile Phe Leu Val Val Val Leu Tyr Leu Ile Ile Gly Ala Thr Val
    50              55              60
Phe Lys Ala Leu Glu Gln Pro His Glu Ile Ser Gln Arg Thr Thr Ile
65              70              75              80
Val Ile Gln Lys Gln Thr Phe Ile Ser Gln His Ser Cys Val Asn Ser
            85              90              95
Thr Glu Leu Asp Glu Leu Ile Gln Gln Ile Val Ala Ala Ile Asn Ala
        100             105             110
Gly Ile Ile Pro Leu Gly Asn Thr Ser Asn Gln Ile Ser His Trp Asp
        115             120             125
Leu Gly Ser Ser Phe Phe Phe Ala Gly Thr Val Ile Thr Thr Ile Gly
    130             135             140
Phe Gly Asn Ile Ser Pro Arg Thr Glu Gly Gly Lys Ile Phe Cys Ile
145             150             155             160
Ile Tyr Ala Leu Leu Gly Ile Pro Leu Phe Gly Phe Leu Leu Ala Gly
            165             170             175
Val Gly Asp Gln Leu Gly Thr Ile Phe Gly Lys Gly Ile Ala Lys Val
            180             185             190
Glu Asp Thr Phe Ile Lys Trp Asn Val Ser Gln Thr Lys Ile Arg Ile
        195             200             205
Ile Ser Thr Ile Ile Phe Ile Leu Phe Gly Cys Val Leu Phe Val Ala
    210             215             220
Leu Pro Ala Ile Ile Phe Lys His Ile Glu Gly Trp Ser Ala Leu Asp
225             230             235             240
Ala Ile Tyr Phe Val Val Ile Thr Leu Thr Thr Ile Gly Phe Gly Asp
            245             250             255
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Tyr Val Ala Gly Gly Ser Asp Ile Glu Tyr Leu Asp Phe Tyr Lys Pro
            260                 265                 270
Val Val Trp Phe Trp Ile Leu Val Gly Leu Ala Tyr Phe Ala Ala Val
            275                 280                 285
Leu Ser Met Ile Gly Asp Trp Leu Arg Val Ile Ser Lys Lys Thr Lys
            290                 295                 300
Glu Glu Val Gly Glu Phe Arg Ala His Ala Ala Glu Trp Thr Ala Asn
305                 310                 315                 320
Val Thr Ala Glu Phe Lys Glu Thr Arg Arg Arg Leu Ser Val Glu Ile
            325                 330                 335
Tyr Asp Lys Phe Gln Arg Ala Thr Ser Ile Lys Arg Lys Leu Ser Ala
            340                 345                 350
Glu Leu Ala Gly Asn His Asn Gln Glu Leu Thr Pro Cys Arg Arg Thr
            355                 360                 365
Leu Ser Val Asn His Leu Thr Asn Glu Arg Asp Val Leu Pro Pro Leu
            370                 375                 380
Leu Lys Thr Glu Ser Ile Tyr Leu Asn Gly Leu Thr Pro His Cys Ala
385                 390                 395                 400
Gly Glu Glu Ile Ala Val Ile Glu Asn Ile Lys
                405                 410


<210> 3
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<220>
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gaagaggggc tgcagtgatc accccctcgc tgagccccgg ggcagagccc agccgccggc  180

cgagcgcacg gagccacggg ccgagcgcac ccagggcccg cgcgggaccc caggcggcca  240

cgcaatcggg gtgacccatc gcgcgcgggg gcgtcgtcgt ccgatcccaa cttggcctcg  300

gcctcgccct ctgcccagcc tgccaccgct ggtgtcctct ccttccggcg atttcgtttc  360

ttctcacgct cccccctcta taccccctccc gcctccagcc ccgctctccc caccttgtaa  420

aacaaagccg gggaaaatgc ctacccgtgc agctcggagc gcgcagcccg tcttggaata  480

agg atg gcg gcc cct gac ttg ctg gat ccc aag tct gct gct cag aac  528
    Met Ala Ala Pro Asp Leu Leu Asp Pro Lys Ser Ala Ala Gln Asn
     1               5                  10                  15

tcc aaa ccg agg ctc tca ttc tcc tca aaa ccc acc gtg ctt gct tcc  576
Ser Lys Pro Arg Leu Ser Phe Ser Ser Lys Pro Thr Val Leu Ala Ser
                20                  25                  30

cgg gtg gag agt gac tcg gcc att aat gtt atg aaa tgg aag aca gtc  624
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Arg Val Glu Ser Asp Ser Ala Ile Asn Val Met Lys Trp Lys Thr Val
            35                  40              45

tcc acg att ttc ctg gtg gtc gtc ctc tac ctg atc atc gga gcc gcg   672
Ser Thr Ile Phe Leu Val Val Val Leu Tyr Leu Ile Ile Gly Ala Ala
        50                  55                  60

gtg ttc aag gca ttg gag cag cct cag gag att tcc cag agg acc acc   720
Val Phe Lys Ala Leu Glu Gln Pro Gln Glu Ile Ser Gln Arg Thr Thr
    65                  70                  75

att gtg atc cag aag cag acc ttc ata gcc cag cat gcc tgc gtc aac   768
Ile Val Ile Gln Lys Gln Thr Phe Ile Ala Gln His Ala Cys Val Asn
 80                  85                  90                  95

tcc acc gag ctg gac gaa ctc atc cag caa ata gtg gca gca ata aac   816
Ser Thr Glu Leu Asp Glu Leu Ile Gln Gln Ile Val Ala Ala Ile Asn
                100                 105                 110

gca ggg att atc ccc tta gga aac agc tcc aat caa gtt agt cac tgg   864
Ala Gly Ile Ile Pro Leu Gly Asn Ser Ser Asn Gln Val Ser His Trp
            115                 120                 125

gac ctc gga agc tct ttc ttc ttt gct ggt act gtt atc aca acc ata   912
Asp Leu Gly Ser Ser Phe Phe Phe Ala Gly Thr Val Ile Thr Thr Ile
            130                 135                 140

gga ttt gga aac atc tcc cca cga act gaa ggt gga aaa ata ttc tgc   960
Gly Phe Gly Asn Ile Ser Pro Arg Thr Glu Gly Gly Lys Ile Phe Cys
    145                 150                 155

atc atc tat gcc ttg ctg gga att ccc ctc ttt ggc ttt cta ctg gct  1008
Ile Ile Tyr Ala Leu Leu Gly Ile Pro Leu Phe Gly Phe Leu Leu Ala
160                 165                 170                 175

ggg gtt ggt gat cag cta gga act ata ttt gga aaa gga att gcc aaa  1056
Gly Val Gly Asp Gln Leu Gly Thr Ile Phe Gly Lys Gly Ile Ala Lys
                180                 185                 190

gtg gaa gac aca ttt att aag tgg aat gtt agt cag acg aag att cgt  1104
Val Glu Asp Thr Phe Ile Lys Trp Asn Val Ser Gln Thr Lys Ile Arg
                195                 200                 205

atc atc tcc acc atc atc ttc atc ctg ttt ggc tgt gtc ctc ttt gtg  1152
Ile Ile Ser Thr Ile Ile Phe Ile Leu Phe Gly Cys Val Leu Phe Val
            210                 215                 220

gct ctc cct gcg gtc ata ttc aag cac ata gaa ggc tgg agc gcc ctg  1200
Ala Leu Pro Ala Val Ile Phe Lys His Ile Glu Gly Trp Ser Ala Leu
        225                 230                 235

gac gct atc tat ttt gtg gtt atc act ctg acg acc att gga ttt gga  1248
Asp Ala Ile Tyr Phe Val Val Ile Thr Leu Thr Thr Ile Gly Phe Gly
240                 245                 250                 255

gac tac gtg gca ggt gga tca gac att gaa tat ctg gac ttc tac aag  1296
Asp Tyr Val Ala Gly Gly Ser Asp Ile Glu Tyr Leu Asp Phe Tyr Lys
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cct gtg gtg tgg ttc tgg atc ctc gtt ggg ctg gcc tac ttt gca gct   1344
Pro Val Val Trp Phe Trp Ile Leu Val Gly Leu Ala Tyr Phe Ala Ala
        275                280                285

gtt ctg agc atg att ggg gac tgg cta cgg gtg atc tct aag aag acg   1392
Val Leu Ser Met Ile Gly Asp Trp Leu Arg Val Ile Ser Lys Lys Thr
        290                295                300

aag gaa gag gtg gga gag ttc aga gcg cat gcc gct gag tgg aca gcc   1440
Lys Glu Glu Val Gly Glu Phe Arg Ala His Ala Ala Glu Trp Thr Ala
        305                310                315

aat gtc acg gcc gag ttc aag gaa acg agg agg cgg ctg agc gtg gag   1488
Asn Val Thr Ala Glu Phe Lys Glu Thr Arg Arg Arg Leu Ser Val Glu
320                325                330                335

atc tac gac aag ttc cag cgt gcc aca tcc gtg aag cgg aag ctc tcc   1536
Ile Tyr Asp Lys Phe Gln Arg Ala Thr Ser Val Lys Arg Lys Leu Ser
                340                345                350

gca gag ctg gcg ggc aac cac aac cag gaa ctg act ccg tgt agg agg   1584
Ala Glu Leu Ala Gly Asn His Asn Gln Glu Leu Thr Pro Cys Arg Arg
        355                360                365

acc ctg tct gtg aac cac ctg acc agc gag agg gaa gtc ctg cct ccc   1632
Thr Leu Ser Val Asn His Leu Thr Ser Glu Arg Glu Val Leu Pro Pro
        370                375                380

ttg ctg aag gct gag agc atc tat ctg aac ggt ctg aca cca cac tgt   1680
Leu Leu Lys Ala Glu Ser Ile Tyr Leu Asn Gly Leu Thr Pro His Cys
        385                390                395

gct ggt gag gac ata gct gtc att gag aac atg aag tag ccctctcttg   1729
Ala Gly Glu Asp Ile Ala Val Ile Glu Asn Met Lys
400                405                410

gaagagtctg aggtggagcc atagggaagg gcttctctag gctctttgtg actgttgccg   1789

gtagcattta aacattgtgc atggtgacct caaagggaaa gcaaatagaa aacacccatc   1849

tggtcacctt acatccaggg agggtgttgt cccgaggcgg cactctgagg atgccgtgtg   1909

ctgtccgctg agtgctgagt gatggacagg cagtgtctga tgcctttgt gcccagactg    1969

tttcccctcc ccctctctcc taacgtgcca taaggcctat gaatgaatct gaatgctttg   2029

ctggtcatgt agattggagg gatcagccct ggttttttca tggttcacct aactgagcct   2089

ggatactgac cacttaggga tgacaacatt tcttttgta aatggcgaga aattcttacg    2149

cagccttta cctaagaaat tttctgccag tgccttatct tatgaagaaa caagaccctg     2209

tctggtgggc ttgtggttcc tcccttcccc gccctcaccg tgggctcacc ctttgctgac   2269

tctcacctat cccctcccct ccgcatacct tattgtgctg gaagcaatgt gtggcttgat   2329
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actgcagaga agggaggtca gagaaggccc ctctgagtat ttatttgacc ggggtaccaa    2449

tggtacagct atatatatgt acagagtaat aattcccagg ccggtaacct tggctgcttc    2509

cacacggccc cctttttttcc ctggcagtat ttgaagttta tcatttatta ataactagtc    2569

attttttaaag gcagaagaag acatgagcac atacatctgt aatctacgtg atgtgataag    2629

aaaactgttc agactggtat tgcaaggtga tctcagacag tcgatatgga ttcattctga    2689

tgagaagaaa acagcgagac cacgtgtcgt cgcatgagc tcatacaggg ctcactgtca    2749

gcttggacca gcccgtgagg tacagcaggc ttacacactt tctttttctta agtggttctt    2809

gccaaactgg agggaggggc gatgcccttc agaagggggc acagccccag ccagcccagg    2869

gtccctctgt ggtcatgact gggtgtgagc acagatgctg gccttgggat cactgtgagt    2929

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cgattagcac aatctaaatc ccccgagtag cttttttgttt aggataagag aaggctggta    3049

attcacttaa tttaaattta tatcctataa ttcttttttgg atgtttcaag attcagaaaa    3109

agtccagtcc ctgcatctag caaaccgccg cccttttcctc tgtgcccgta cttacatcta    3169

ctgaacactg tatatgtaat tttttaaattt ttaaagcgca gaaggaaaat gattcttcta    3229

catgtaatcg caaaactgat ttctcccttc tgggggaggc ttgggcttac gtgatcatgt    3289

ggcattcaga gtaaagtctt aagacataaa cccaggatgt ttaaaaacac aaaaagattc    3349

ctattttcca aaatttgaat ttaagctata aatgtaaata tatccagttc gcttgcagag    3409

agtactttta taaacctatg aagattctaa ccaaaatttt aaaatgtcgg gttcctttac    3469

aaagaaagct ccacccatct cctgaatagc cgttttggaa gctgacatgg tgggatgtac    3529

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<210> 4
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<212> PRT
<213> Mus musculus
<400> 4

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              20                  25                  30
Val Glu Ser Asp Ser Ala Ile Asn Val Met Lys Trp Lys Thr Val Ser
          35                  40                  45
Thr Ile Phe Leu Val Val Val Leu Tyr Leu Ile Ile Gly Ala Ala Val
      50                  55                  60
Phe Lys Ala Leu Glu Gln Pro Gln Glu Ile Ser Gln Arg Thr Thr Ile
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Val Ile Gln Lys Gln Thr Phe Ile Ala Gln His Ala Cys Val Asn Ser
                      85                    90                    95
Thr Glu Leu Asp Glu Leu Ile Gln Gln Ile Val Ala Ala Ile Asn Ala
                  100                   105                   110
Gly Ile Ile Pro Leu Gly Asn Ser Ser Asn Gln Val Ser His Trp Asp
                  115                   120                   125
Leu Gly Ser Ser Phe Phe Phe Ala Gly Thr Val Ile Thr Thr Ile Gly
             130                   135                   140
Phe Gly Asn Ile Ser Pro Arg Thr Glu Gly Gly Lys Ile Phe Cys Ile
             145                   150                   155             160
Ile Tyr Ala Leu Leu Gly Ile Pro Leu Phe Gly Phe Leu Leu Ala Gly
                  165                   170                   175
Val Gly Asp Gln Leu Gly Thr Ile Phe Gly Lys Gly Ile Ala Lys Val
                  180                   185                   190
Glu Asp Thr Phe Ile Lys Trp Asn Val Ser Gln Thr Lys Ile Arg Ile
                  195                   200                   205
Ile Ser Thr Ile Ile Phe Ile Leu Phe Gly Cys Val Leu Phe Val Ala
                  210                   215                   220
Leu Pro Ala Val Ile Phe Lys His Ile Glu Gly Trp Ser Ala Leu Asp
225                   230                   235                   240
Ala Ile Tyr Phe Val Val Ile Thr Leu Thr Thr Ile Gly Phe Gly Asp
                      245                   250                   255
Tyr Val Ala Gly Gly Ser Asp Ile Glu Tyr Leu Asp Phe Tyr Lys Pro
                  260                   265                   270
Val Val Trp Phe Trp Ile Leu Val Gly Leu Ala Tyr Phe Ala Ala Val
                  275                   280                   285
Leu Ser Met Ile Gly Asp Trp Leu Arg Val Ile Ser Lys Lys Thr Lys
             290                   295                   300
Glu Glu Val Gly Glu Phe Arg Ala His Ala Ala Glu Trp Thr Ala Asn
305                   310                   315                   320
Val Thr Ala Glu Phe Lys Glu Thr Arg Arg Arg Leu Ser Val Glu Ile
                  325                   330                   335
Tyr Asp Lys Phe Gln Arg Ala Thr Ser Val Lys Arg Lys Leu Ser Ala
                  340                   345                   350
Glu Leu Ala Gly Asn His Asn Gln Glu Leu Thr Pro Cys Arg Arg Thr
             355                   360                   365
Leu Ser Val Asn His Leu Thr Ser Glu Arg Glu Val Leu Pro Pro Leu
             370                   375                   380
Leu Lys Ala Glu Ser Ile Tyr Leu Asn Gly Leu Thr Pro His Cys Ala
385                   390                   395                   400
Gly Glu Asp Ile Ala Val Ile Glu Asn Met Lys
                  405                   410
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<210> 5
<211> 394
<212> PRT
<213> Mus sp.

<220>
<223> TASK

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Thr Tyr Leu Leu Val Gly Ala Ala Val Phe Asp Ala Leu Glu Ser Glu
                  20                    25                   30
Pro Glu Leu Ile Glu Arg Gln Arg Leu Glu Leu Arg Gln Gln Glu Leu
             35                    40                   45
Arg Ala Arg Tyr Asn Leu Ser Gln Gly Gly Tyr Glu Glu Leu Glu Arg
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        50                      55                      60
Val Val Leu Arg Leu Lys Pro His Lys Ala Gly Val Gln Trp Arg Phe
65                      70                      75                      80
Ala Gly Ser Phe Tyr Phe Ala Ile Thr Val Ile Thr Thr Ile Gly Tyr
                    85                      90                      95
Gly His Ala Ala Pro Ser Thr Asp Gly Gly Lys Val Phe Cys Met Phe
            100                     105                     110
Tyr Ala Leu Leu Gly Ile Pro Leu Thr Leu Val Met Phe Gln Ser Leu
            115                     120                     125
Gly Glu Arg Ile Asn Thr Leu Val Arg Tyr Leu Leu His Arg Ala Lys
        130                     135                     140
Lys Gly Leu Gly Met Arg Arg Ala Asp Val Ser Met Ala Asn Met Val
145                     150                     155                     160
Leu Ile Gly Phe Phe Ser Cys Ile Ser Thr Leu Cys Ile Gly Ala Ala
                    165                     170                     175
Ala Phe Ser His Tyr Glu His Trp Thr Phe Phe Gln Ala Tyr Tyr Tyr
            180                     185                     190
Cys Phe Ile Thr Leu Thr Thr Ile Gly Phe Gly Asp Tyr Val Ala Leu
            195                     200                     205
Gln Lys Asp Gln Ala Leu Gln Thr Gln Pro Gln Tyr Val Ala Phe Ser
        210                     215                     220
Phe Val Tyr Ile Leu Thr Gly Leu Thr Val Ile Gly Ala Phe Leu Asn
225                     230                     235                     240
Leu Val Val Leu Arg Phe Met Thr Met Asn Ala Glu Asp Glu Lys Arg
                    245                     250                     255
Asp Ala Glu His Arg Ala Leu Leu Thr Arg Asn Gly Gln Ala Gly Gly
            260                     265                     270
Gly Gly Gly Gly Gly Ser Ala His Thr Thr Asp Thr Ala Ser Ser Thr
            275                     280                     285
Ala Ala Ala Gly Gly Gly Gly Phe Arg Asn Val Tyr Ala Glu Val Leu
        290                     295                     300
His Phe Gln Ser Met Cys Ser Cys Leu Trp Tyr Lys Ser Arg Glu Lys
305                     310                     315                     320
Leu Gln Tyr Ser Ile Pro Met Ile Ile Pro Arg Asp Leu Ser Thr Ser
                    325                     330                     335
Asp Thr Cys Val Glu Gln Ser His Ser Ser Pro Gly Gly Gly Gly Arg
            340                     345                     350
Tyr Ser Asp Thr Pro Ser Arg Arg Cys Leu Cys Ser Gly Ala Pro Arg
            355                     360                     365
Ser Ala Ile Ser Ser Val Ser Thr Gly Leu His Ser Leu Ser Thr Phe
        370                     375                     380
Arg Gly Leu Met Lys Arg Arg Ser Ser Val
385                     390
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